



#24

PTO/SB/08A (04-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	09/785,436
Filing Date	February 20, 2001
First Named Inventor	Shinji TAKEDA
Art Unit	
Examiner Name	GEYER, Scott
Attorney Docket Number	TM&K0007

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SBG	A	US- 4,543,295	09-24-1985	St. Clair et al.	
SBG	B	US- 4,581,096	04-08-1986	Sato	
SBG	C	US- 4,875,279	10-24-1989	Sakiadis	
SBG	D	US- 4,933,219	06-12-1990	Sakumoto et al.	
SBG	E	US- 4,965,331	10-23-1990	Jackson et al.	
SBG	F	US- 4,985,105	01-15-1991	Masuda	
SBG	G	US- 4,990,292	02-05-1991	Hattori et al.	
SBG	H	US- 5,145,099	09-08-1992	Wood et al.	
SBG	I	US- 5,177,032	01-05-1993	Fogal et al.	
SBG	J	US- 5,204,399	04-20-1993	Edelman	
SBG	K	US- 5,238,730	08-24-1993	Hanawa et al.	
SBG	L	US- 5,250,637	10-05-1993	Shiobara et al.	
SBG	M	US- 5,277,972	01-11-1994	Sakumoto et al.	
SBG	N	US- 5,296,567	03-22-1994	Baumann et al.	
SBG	O	US- 5,319,005	06-07-1994	Hagiwara et al.	
SBG	P	US- 5,360,942	11-01-1994	Hoffman et al.	
SBG	Q	US- 5,432,380	07-11-1995	Jin et al.	
SBG	R	US- 5,476,908	12-19-1995	Kishi et al.	
SBG	S	US- 5,512,628	04-30-1996	Sakumoto et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
SBG	T	EP-0271736-A1	06-22-1988	Nippon Steel Chemical		
SBG	U	EP-0837498-A1	04-22-1998	Hitachi Chemica		
SBG	V	JP-3215014	09-20-1991	Seiko Instr.	no translation	
SBG	W	JP-02-256251	10-17-1990	MATSUSHITA	Abstr. only	
SBG	X	JP-06-326240	11-25-1994	Hitachi Cable	Abstr. only	
SBG	Y	JP-1-165635	11-20-1989	NEC Corp	no translation	

Examiner Signature	<i>Scott A. Geyer</i>	Date Considered	11.26.03
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 6

Complete if Known

Application Number	09/785,436
Filing Date	February 20, 2001
First Named Inventor	Shinji TAKEDA
Art Unit	
Examiner Name	GEYER, Scott
Attorney Docket Number	TM&K0007

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SBG	Z	US- 5,528,075	06-18-1996	Burns	
SBG	AA	US- 5,635,009	06-03-1997	Kawamura et al.	
SBG	AB	US- 5,659,004	08-19-1997	Takigawa et al.	
SBG	AC	US- 5,793,099	04-14-1998	Murakami et al.	
SBG	AD	US- 5,827,908	10-27-1998	Arai et al.	
SBG	AE	US- 5,837,368	11-17-1998	Hiroe et al.	
SBG	AF	US- 6,046,072	04-04-2000	Matsuura et al.	
SBG	AG	US- 6,097,089	08-01-2000	Gaku et al.	
SBG	AH	US- 6,248,613	06-19-2001	Matsuura et al.	
SBG	AI	US- 6,299,513	10-09-2001	Tsuihiji et al.	
SBG	AJ	US- 6,372,080	04-16-2002	Matsuura et al.	
SBG	AK	US- 2001/0015484-A1	08-23-2001	Matsuura et al.	
SBG	AL	US- 4,656,238	04-07-1987	Kunimune et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
SBG	AM	JP-3-228	01-07-1991	HITACHI CABLE	Abi. only	
SBG	AN	JP-5-335379	12-17-1993	TORAY IND INC	Abi. only	
SBG	AO	JP-5-125337	05-21-1993	SUMITOMO BAKELI	Abi. only	
SBG	AP	JP-5-152386	06-18-1993	SUMITOMO METAL	Abi. only	
SBG	AQ	JP-5-152466	06-18-1993	SHIN ETSU CHEM	Abi. only	

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SignatureDate
Considered

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**INFORMATION DISCLOSURE
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(Use as many sheets as necessary)

Sheet 4

of 6

Complete if Known

Application Number	09/785,436
Filing Date	February 20, 2001
First Named Inventor	Shinji TAKEDA
Art Unit	
Examiner Name	GEYER, Scott
Attorney Docket Number	TM&K0007

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
SBG	AX	JP-6-104300	04-15-1994	FUJITSU LTD	Ab. only	
SBG	AY	JP-62-141038	09-05-1987	Irokawa	no translation	
SBG	AZ	JP-64-19735	06-12-1990	Tomeogawa Paper	Ab. only	
SBG	BA	JP-64-22744	02-06-1989	Kansai NEC Corp	no translation	
SBG	BB	JP-7-90239	04-04-1995	SUMITOMO BAKELI	Ab. only	

Examiner
Signature

A.T.O. Bz

Date
Considered

11.26.03

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5

of 6

Complete if Known

Application Number 09/785,436

Filing Date February 20, 2001

First Named Inventor Shinji TAKEDA

Art Unit

Examiner Name GEYER, Scott

Attorney Docket Number TM&K0007

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SBG	BC	"Rubber Elastomer Utility Notes", relates to types of rubber and their chemical structure and properties, July 20, 1991 - no translation	
SBG	BD	Notice of Reason for Refusal for Japanese Appln. No. 2000-346979 mailed on 10/22/2002 together with English Translation	✓
SBG	BE	Opposition against Japanese Patent No. 3187400 - no translation	
SBG	BF	Opposition against Japanese Patent No. 3215014 - no translation	
SBG	BG	Notice of Reason for Refusal Japanese for Appln. No. 7-173493 mailed on August 29, 2000 together with English Translation	✓
SBG	BH	Notice of Reason for Refusal for Japanese Appln. No. 2000-156125 mailed on September 19, 2000 (with English Translation)	
SBG	BI	Opposition against Japanese Patent No. 3117966 ✓ no translation	
SBG	BJ	Property list, Plastic Reader (1987 15th edition) - no translation	
SBG	BK	European Search Report dated March 24, 2003 (mailed March 31, 2003) for European application 03001585.3	
SBG	BL	International Search Report mailed April 2, 1996 for International Application PCT/JP95/02691	

Examiner Signature

Date

Considered

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PTO/SB/088 (04-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/785,436
		Filing Date	February 20, 2001
		First Named Inventor	Shinji TAKEDA
		Art Unit	
		Examiner Name	GEYER, Scott
Sheet 6	of 6	Attorney Docket Number	TM&K0007

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SBG	BM	European Search Report dated October 28, 1998 in European application EP96922225	
SBG	BN	European Search Report dated July 8, 2002 in European application EP 02 01 1430	

Examiner Signature	<i>At P. B.</i>	Date Considered	11.26.03
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Complete if Known

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Sheet	1	of	1
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Application Number	09/785,436
Filing Date	February 20, 2001
First Named Inventor	Shinji TAKEDA
Art Unit	2813
Examiner Name	Scott GEYER
Attorney Docket Number	TM&K0007

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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SBG	E	JP-5-152466	10-05-1993	Shimetsu Chem. Co.	Abs. only	
SBG	F	JP-60-38825	09-05-1987	Sumitomo Metal Minin	Abs. only	
SBG	G	JP-3215014	07-27-2001	Hitachi Chem. Co. Ltd.	no translation	

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